



Status Report: I-10 Tippecanoe/Anderson Interchange Project

San Bernardino Associated Governments

Loma Linda City Council
March 14, 2006

Project Partners

- SANBAG — San Bernardino Associated Governments, county-wide coalition of elected officials that oversees regional transportation planning, funding and construction
- Federal Highway Administration
- Caltrans
- City of Loma Linda
- City of San Bernardino
- Loma Linda University Medical Center
- Inland Valley Development Agency



Project Overview

- Two major project phases:
 - Interchange improvements
 - Construction of northern section of Evans Street
- Two phases are not dependent, but complementary
- Will relieve traffic congestion and improve access to LLUMC, LL Academy, VA Hospital, SB Airport, commercial centers



Project Overview

- Early in environmental document stage of both phases
 - Numerous traffic studies
 - Air quality studies
 - Endangered species/wildlife
 - Cultural resources
 - Business/housing ROW impacts
- 2-5 years before construction can begin
- Significant funding is available, but details are still pending





Interchange Phase

- Improvements to Tippecanoe/Anderson IC and nearby streets
- Synchronize traffic signals on Tippecanoe for improved flow
- Widen Tippecanoe/Redlands Blvd intersection to three lanes in each direction
- Minor local street adjustments for new ramps



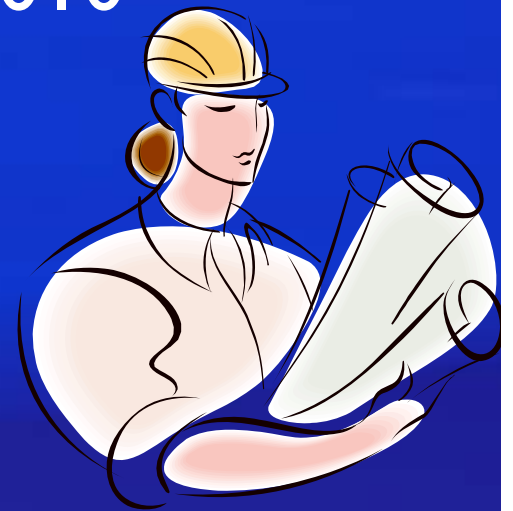
Options: Interchange Phase

- SANBAG is advocating design-build process for interchange, rather than traditional design-bid-build process
- Would expedite project delivery – save about 1.5 years
- Would require approval by the state legislature. Asm. Emmerson has authored bill (AB 2604) for design-build for this interchange.



Schedule: Interchange Phase

- Complete environmental doc. by spring 2008
- If design-bid-build: Plans, specifications, estimates complete by end of 2009
- ROW completion by 2009/2010
- Advertise for construction in mid-2010
- Start construction in late 2010
- End construction in late 2012 or early 2013





Funding: Interchange Phase

Costs are very preliminary estimates...

- Right-of-way acquisition, \$15 M
- Construction, \$20 M
- Funding provided by:
 - Federal Demonstration funds and new federal transportation act (SAFETEA-LU)
 - Local development match (20%)
 - State funds

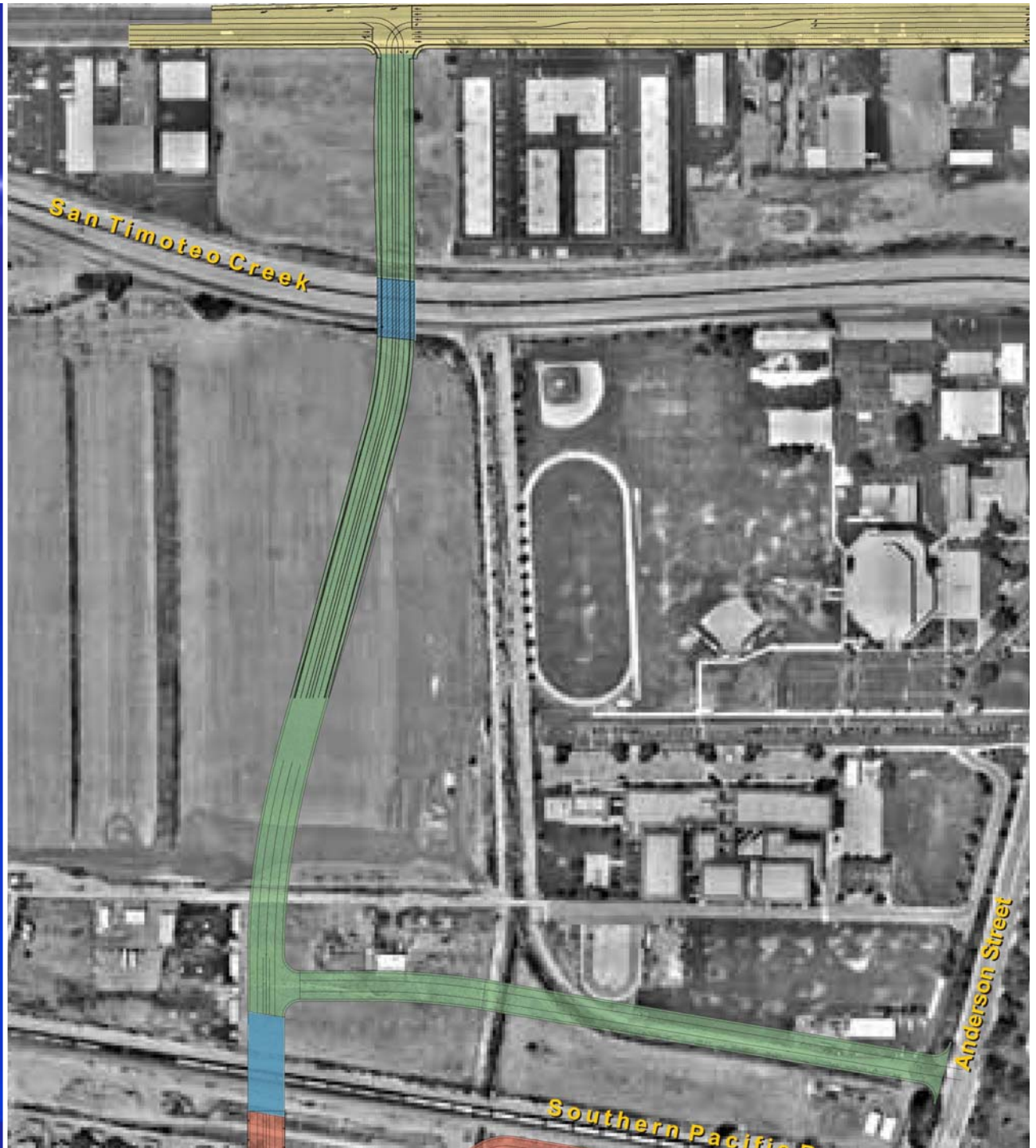


Evans Street Phase

- New north-south corridor – from Redlands Blvd to UP RR tracks – 1/3-mile west of Anderson
- East-west tie-in to Anderson
- Will boost expansion of LLUMC, offer alternate access to LL Academy, provide alternate to Anderson/Redlands intersection
- First step toward future extension of Evans to Barton Road – included in City of LL General Plan

Evans Street preliminary alignment ...

Redlands Blvd.
to UP RR only





Schedule: Evans Street Phase

- Plan to use traditional design-bid-build method
- Hope to obtain environmental clearance by end of 2006
- Plans, specifications, estimate complete by fall 2007
- Start construction in spring 2008
- End construction by mid-2009



Funding: Evans Street Phase

- Right-of-way acquisition, \$5 M
- Construction, \$10 M
- Funding provided by:
 - Federal Demonstration funds
 - Local development match (20%)
- Funding details still to be determined



Project Challenges

- Project has to meet needs of many stakeholders:
 - City of LL: Access to hospitals and commercial centers; improvements to local traffic
 - City of SB: Access to commercial centers; improvements to local traffic
 - LLUMC: Emergency access; employee/student access via freeways and local streets
 - IVDA: Access to SB Airport developments
 - Caltrans and FHWA: Improved operations on I-10 mainline and ramps



Project Challenges

- Extensive traffic studies performed
- Multiple alternatives reviewed – more than 20 variations. FHWA has given conceptual acceptance of preferred alternative – now have to ensure they will accept it as the only alternative.
- Funding details still to be determined
- Legislative approval required to proceed with design-build in interchange phase